

Bellringer

→ What are the major oceans? Rank them from largest to smallest.

→ What is sonar? Describe how it works.



→ Pacific, Atlantic, Indian, Southern, Arctic

PAISA ← Puppies always ingest sour apples.  
 e i i f

Mar 4-9:25 AM

# The Water Planet (19.1) Review

Grade: 9th

Subject: Earth Science

Date:

Mar 4-9:30 AM

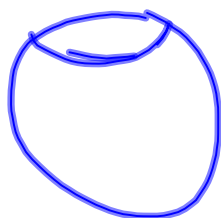
1 Earth's smallest ocean is the \_\_\_\_\_ Ocean.

Arctic

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2 The \_\_\_\_\_ Ocean extends from the coast of Antarctica to the 60 degree South latitude.

Southern



Mar 4-9:31 AM

3 The \_\_\_\_\_ Ocean contains more than one-half of Earth's ocean water.

Pacific

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4 The Earth's third largest ocean is the \_\_\_\_\_ Ocean.

Indian

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5 A large body of saline water that may be surrounded by land is a(n) ...

- A submersible
- B ocean
- C global ocean
- D sea

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6 How much of Earth's total mass is the global ocean?

- A 97%
- B  $\frac{1}{2}$
- C  $\frac{1}{4000}$
- D  $\frac{1}{800}$

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7 Scientists use sonar to ...

- A measure the temperature of ocean water
- ☒ B calculate the depth of the ocean floor
- C photograph ocean organisms
- D obtain samples from the ocean floor

!

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8 To see the bottom of the ocean for himself or herself while remaining connected to a research ship, a scientist would use...

- A a submarine robot
- ☒ B a bathysphere
- C sonar
- D a bathyscaph

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Mar 4-9:36 AM

# Ocean Floor Review

Grade: 9th

Subject: Earth Science

Date:

Mar 5-9:00 AM

## Bellringer

→ What forms an ocean trench?

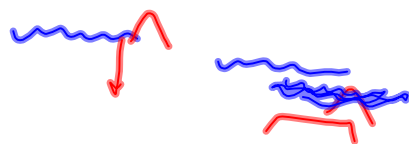
ocean do  
ocean      mariana trench - 35,994 ft

→ Where do mid-ocean ridges deep form?



→ What are some features of the ocean floor?

→ mid-ocean ridge  
seamount? → Hawaii  
table mount



Mar 6-10:52 AM

# Ocean Floor Review

Grade: 9th  
Subject: Earth Science  
Date:

Mar 4-9:37 AM

1 The flattest regions on Earth are..

- A trenches
- B mid-ocean ridges
- C seamounts
- ☒ D abyssal plains

Mar 5-9:01 AM

2 Seamounts are most likely to form in...

- A tablemounts
- B fracture zones
- ☒ C hot spots
- D trenches

Mar 5-9:02 AM

3 Most mid-ocean ridges form ...

- ☒ A below sea level
- B in trenches
- ☒ C in areas of increased volcanic activity
- ☒ D along fracture zones

Mar 5-9:03 AM



4 The deepest place in Earth's crust is a(n)...

- A abyssal plain
- B seamount
- C trench
- D submarine canyon

Mar 5-9:03 AM

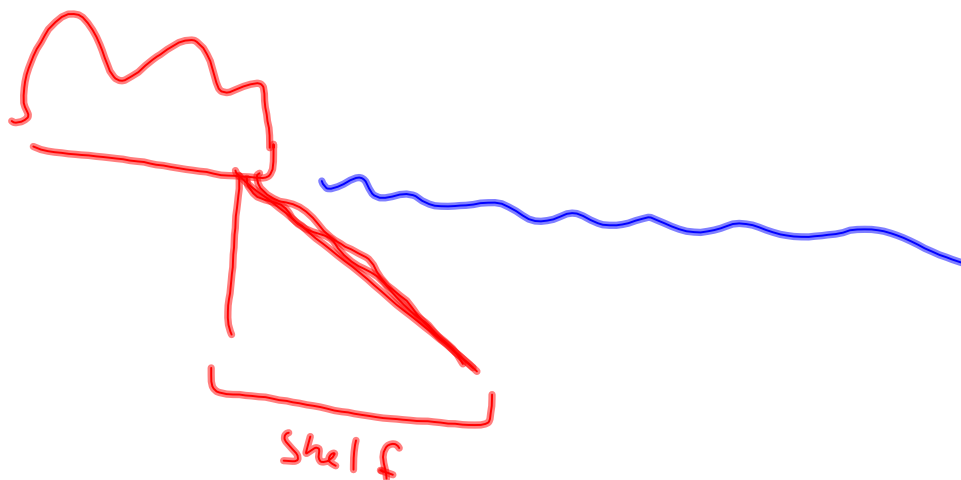
5 An atoll will eventually become a(n)...

- A seamount
- B guyot
- C fracture zone
- D mid-ocean ridge

Seamount → atoll → guyot  
tablemount ↗

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6 The part of the continent covered by water is the continental shelf.



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7 The shallow sea floor between the shore and the deep-ocean bottom is the continental margin.

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Mar 5-9:06 AM

8 A deep valley in the continental margin is called a \_\_\_\_\_.

submarine canyon

Mar 5-9:06 AM

Bellringer

→ What are the 5 oceans of the Earth?

PAISA

smallest → largest largest  
Arctic, Southern, Indian, Atlantic, Pacific

→ Where do mid-ocean ridges form?

plate → divergent

→ How do volcanic islands form?

→ What is a seamount? How does it form a guyot?



Mar 11-9:39 AM

# Ocean Basins (19.3) Review

Grade: 9th  
Subject: Earth Science  
Date:

Mar 4-9:25 AM

1 A piece of sediment collected by drilling is a(n)

- A inorganic sediment
- ☒ B core sample
- C biogenic sediment
- D diatom

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2 Meteorite dust is one kind of ...

- A nodule
- ☒ B inorganic sediment
- C ooze
- D core sample

Mar 4-9:30 AM

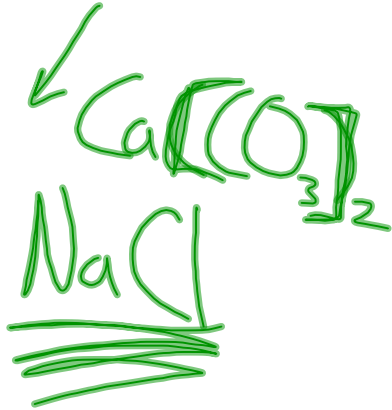
3 Sediments from rivers spread over the deep-ocean basins by means of...

- A icebergs
- B chemical reactions
- C wind
- ☒ D turbidity currents

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4 The silica in biogenic sediments comes mainly from ...

- ☒ A diatoms and radiolarians
- ☐ B foraminiferans
- ☐ C nodules
- ☐ D calcium carbonate



Mar 10-9:17 AM

5 The siliceous ooze is found near Antartica because...

- ☐ A red clay is common
- ☒ B the ocean waters contain large amounts of diatoms and radiolarians
- ☐ C silicon dioxide dissolves in cold water
- ☐ D there are many formaniferans here

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6 Remains of marine plants and animals are called \_\_\_\_\_ sediment.

Biogenic  
→ organic

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7 Fine silt and clay-sized rock particles are called \_\_\_\_\_.

mud

Sand → sandstone

Mar 10-9:20 AM

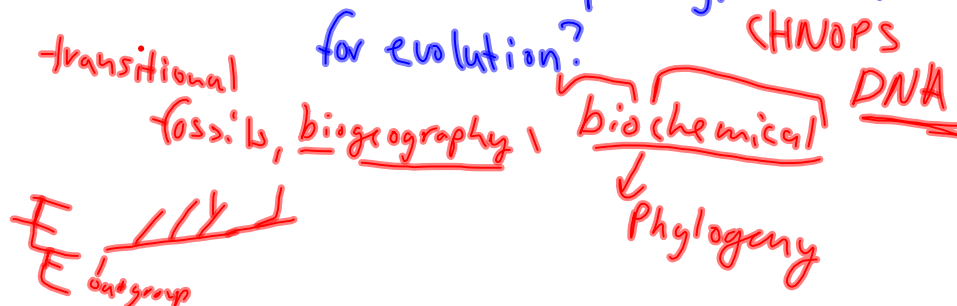
## Bellringer

→ What is natural selection?

→ What is evolution?

→ What was Darwin's contribution to modern thought on evolution?

→ What are a couple types of evidence for evolution?



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Mar 4-9:37 AM